

Title (en)
Optical projection lens system

Title (de)
Optisches Projektionslinsensystem

Title (fr)
Système optique de projection à lentilles

Publication
EP 1094350 A2 20010425 (EN)

Application
EP 00119874 A 20000913

Priority
US 16079999 P 19991021

Abstract (en)
An optical projection lens system comprising in direction of propagating radiation a first lens group having positive refractive power a second lens group having negative refractive power and comprises a waist with a minimum diameter of the propagating radiation a further lens arrangement with positive refracting power, which follows the second lens group, wherein at least one lens of the projection lens system, which is arranged in front of the waist comprises an aspherical surface. <IMAGE>

IPC 1-7
G02B 13/14; **G02B 13/24**

IPC 8 full level
G02B 3/00 (2006.01); **G02B 9/00** (2006.01); **G02B 13/14** (2006.01); **G02B 13/18** (2006.01); **G02B 13/24** (2006.01); **G03F 7/20** (2006.01); **H01L 21/027** (2006.01)

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Cited by
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EP 00119874 A 20000913; JP 2000318185 A 20001018; KR 20000061465 A 20001019; TW 89118630 A 20001204; US 17509205 A 20050705; US 39359303 A 20030320; US 69487800 A 20001023; US 83384004 A 20040427